

WHAT IS CLAIMED IS:

1. A roller structure for a computer mouse having a mouse body, a third-axis input device and at least two buttons, comprising:
 - a roller member having a concave portion formed on a circumference surface thereof.
2. The roller structure of claim 1, wherein the concave portion has two sides and a center lower than the two sides relative to an axial line of the roller member.
3. The roller structure of claim 2, wherein the concave portion is concave from top to bottom of the circumference surface of the roller member to form an arcuate shape.
4. The roller structure of claim 1, wherein the concave portion includes a plurality of strips thereon for increasing a friction in use.
5. The roller structure of claim 1, wherein a thickness of the roller member has a predetermined value of between about 6 mm and 15 mm.